



Öra Pattern

Printed acoustic wall coverings

Öra Pattern acoustic wall coverings draw inspiration from natural and man-made surfaces to create a range of printed acoustic wall coverings ideal for modern, urban spaces that want to achieve the look and feel of hard surfaces including brick, marble and wood whilst improving the noise and reverberation levels.





Features

- Available in 12mm and 24mm thickness
- 2400mm x 1200mm per panel
- Made from 60% recycled PET
- Noise Reducing Co-efficient (NRC) 0.45
- Different mounting options available to increase NRC rating
- Achieve the look of hard surfaces AND improve reverberation
- Designed as repeating patterns for maximum flexibility
- Manufacturer's 5 year guarantee
- Specialist high definition printing process delivers vivid colours without compromising either acoustic performance or image quality
- Not affected by moisture, mould or mildew
- No formaldehyde binders
- Low VOCs
- Easy to install with contact adhesive
- Fire Rating EN 13501-1:2007+a1:2009 - B, s1, d0 ASTM E84 -16 - Class A
- BIM/Revit files available to download from www.allsfar.com
- REACH: Pass

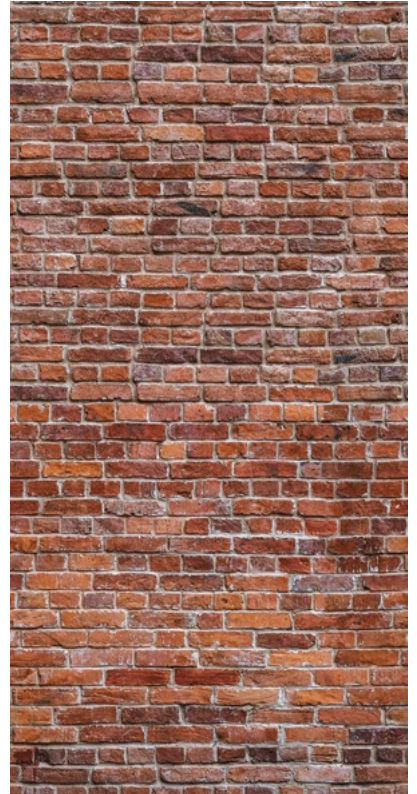
Softwood Horizontal



OSB



Red Brick



Grey Brick



Modern Geometric



Geometric
Gold

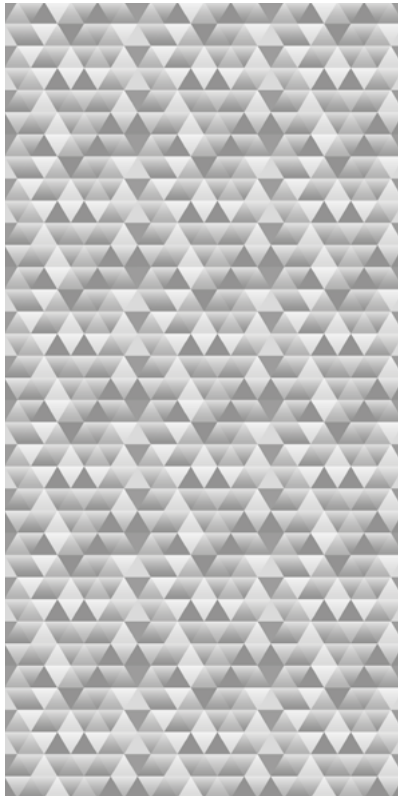


Single Panel Size. Full height 2.4m. Full width 1.2m.
All Öra Patterns have been designed as repeating patterns. For ceilings over 2.4m high, please contact us.

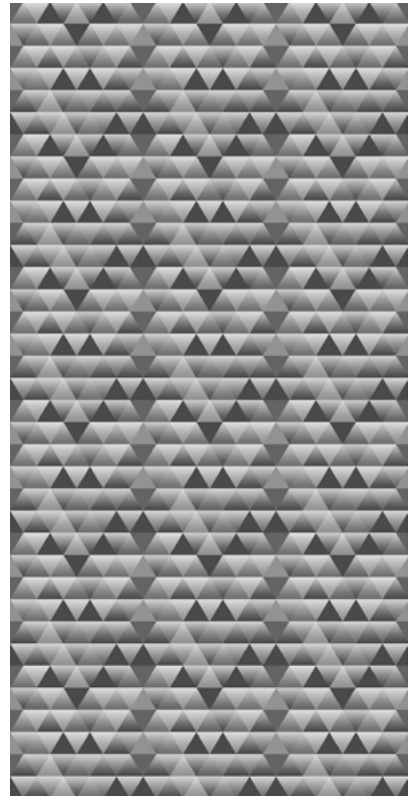
Triangle
Brown



Triangle
Mono Light



Triangle
Mono Dark



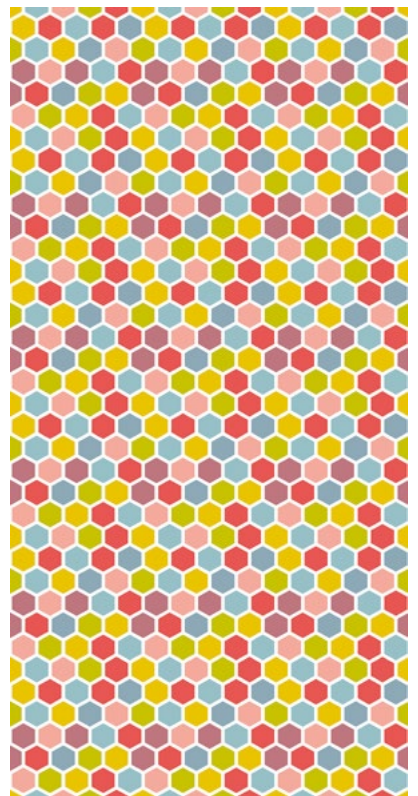
Botanical Tropical



Botanical Pansies



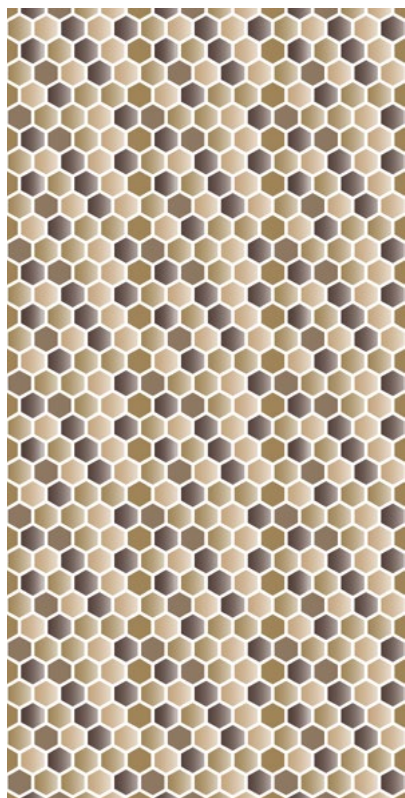
Hexagonal
Colours



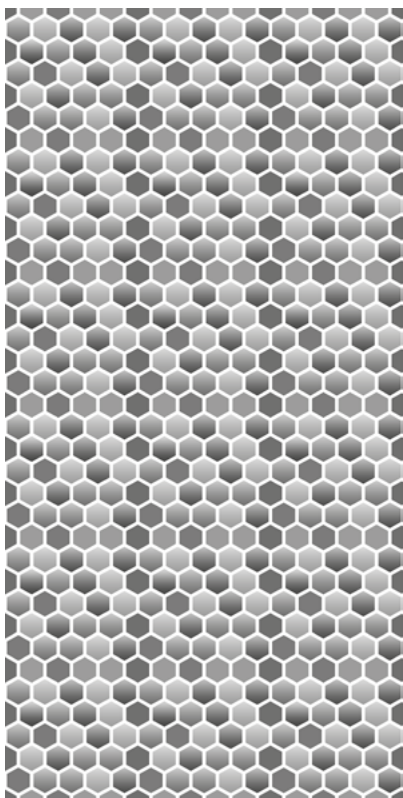
Single Panel Size. Full height 2.4m. Full width 1.2m.

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Hexagonal
Brown



Hexagonal
Mono



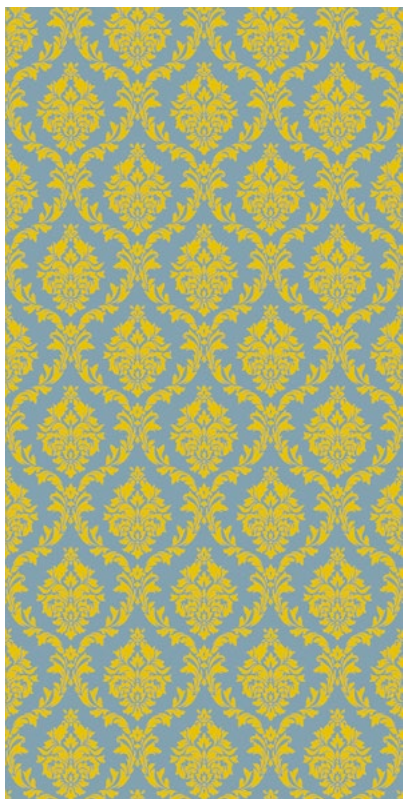
Concrete
Light



Concrete
Dark



Damask
Blue/Yellow



Damask
Coral/White



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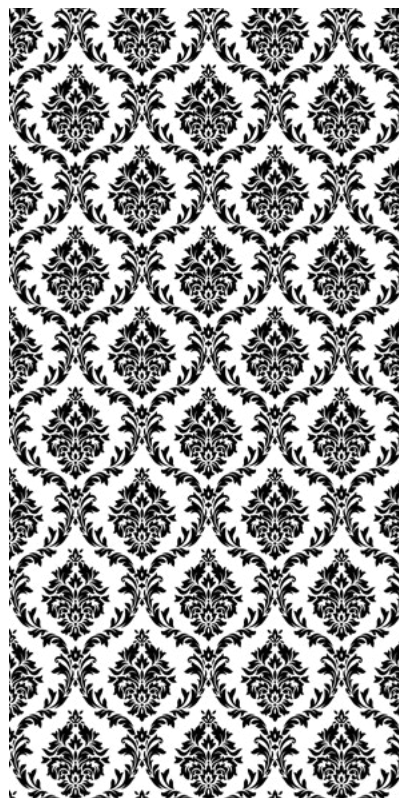
Damask

White/Blue



Damask

White/Black



Single Panel Size. Full height 2.4m. Full width 1.2m.

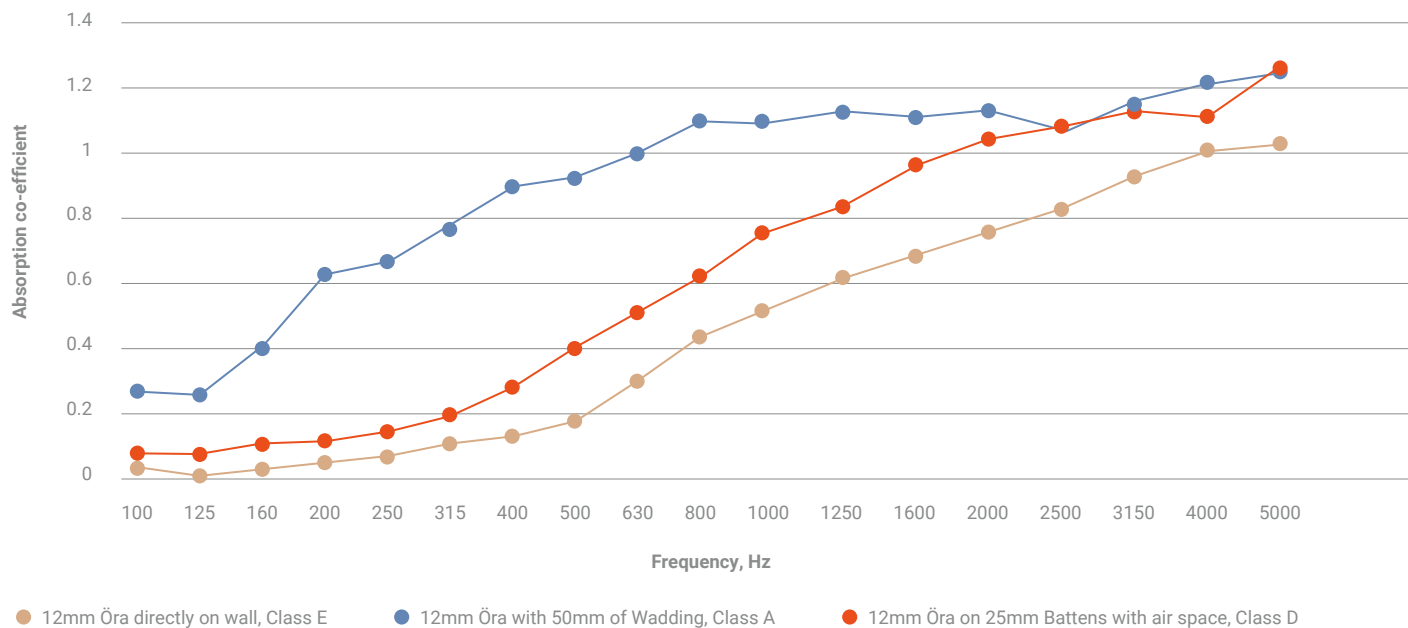
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Öra Pattern

CODE	DESCRIPTION	DIMENSIONS (mm)
ORAPATTERN12*	Öra Pattern 12mm	2400 x 1200 x 12
ORAPATTERN24*	Öra Pattern 24mm	2400 x 1200 x 24

* Please include the pattern design name in the order description.

ÖRA SOUND ABSORPTION TO BS EN ISO 354:2003



12MM ÖRA DIRECTLY ON WALL

Freq Hz	Absorb Coeff α_s
50*	0.01
63*	-0.03
80*	0.01
100	0.02
125	0.00
160	0.02
200	0.04
250	0.06
315	0.10
400	0.12
500	0.18
630	0.33
800	0.43
1000	0.51
1250	0.61
1600	0.68
2000	0.75
2500	0.83
3150	0.93
4000	1.01
5000	1.03
6300*	1.08
8000*	1.11
10000*	1.24

12MM ÖRA WITH 50MM OF WADDING

Freq Hz	Absorb Coeff α_s
50*	0.11
63*	0.13
80*	0.27
100	0.26
125	0.25
160	0.41
200	0.62
250	0.66
315	0.78
400	0.89
500	0.93
630	1.00
800	1.08
1000	1.07
1250	1.10
1600	1.09
2000	1.11
2500	1.07
3150	1.15
4000	1.21
5000	1.25
6300*	1.52
8000*	1.46
10000*	1.68

12MM ÖRA ON 25MM BATTENS WITH AIR SPACE

Freq Hz	Absorb Coeff α_s
50*	0.02
63*	0.03
80*	0.05
100	0.05
125	0.05
160	0.08
200	0.09
250	0.12
315	0.17
400	0.26
500	0.40
630	0.55
800	0.70
1000	0.82
1250	0.89
1600	1.00
2000	1.04
2500	1.09
3150	1.12
4000	1.10
5000	1.26
6300*	1.49
8000*	1.58
10000*	1.60

Accessories and Specification for all Acoustic Surface products

ADHESIVES – tried and tested adhesive for applying Öra to the wall or ceiling

CODE	DESCRIPTION	SIZE
ORCA	High temp contact adhesive, fire retardant	500ml
ORCA22	High temp contact adhesive drum, fire retardant (spray gun below required)	22ltr.
ORSG	Professional spray gun with 4m hose (reusable with 22ltr. drums)	-

Note: allow approx. one 500ml can per panel, 22ltr. Drum for large projects or regular installs.

ACCESSORIES

CODE	DESCRIPTION	DIMENSIONS (mm)
WAD25	25mm acoustic wadding	2400 x 1200

INSTALLATION & CARE INSTRUCTIONS FOR ÖRA WALL COVERINGS

Tools required:

- Contact Adhesive
- Sharp Stanley knife
- Straight edge
- Spirit Level

Method:

- 1 Ensure all surfaces are clean and free from dust.
- 2 Plan your installation:
 - a Particularly for Öra Mural, ensure you have the panels in the correct order.
 - b Identify the best place to start, whether that be off a wall or in the centre.
 - c Using a spirit level – ensure the starting wall is plum or draw a plumb line to ensure accurate installation.
 - d Identify any sockets or light switches which will need to be cut around.
- 3 Accurately cut your first panel if cutting is required and offer up to ensure accuracy.
- 4 Spray the wall and the back of the felt with contact adhesive holding it approximately 10cm away. Wait 1-2 minutes for the adhesive to dry.
- 5 Carefully position the felt and press to the wall with the palms of your hand.
- 6 Repeat with the next panels.

NOTES

- Other adhesives can be used including AC50, hot melt glue and silicon or polymer-based adhesives; test a small area first.
- Thin pins can be used to temporarily hold panels back while the adhesive sets. This will not be required if using contact adhesive.
- By cutting a V shape in the back of the felt panel they can be bent around external corners.

CLEANING

- For dust use a vacuum cleaner with a soft brush attachment.
- For light soiling use clean warm water and a sponge to wipe away dirt.
- For medium soiling use an upholstery cleaner on the soiled area then wipe clean using warm water and a sponge.
- For heavy soiling use an upholstery wet and dry vacuum cleaner with upholstery cleaning solution to spray and vacuum the affected area.

NB For all options it is important to test an inconspicuous area first.

GUARANTEES

AllSfär guarantee its products against material or manufacturing faults. At AllSfär's sole discretion, AllSfär will repair or replace with comparable materials any product or component which fails under normal use in a single shift environment as a result of a defect in the materials or workmanship. A five-year manufacturer's guarantee applies to ÖRA wall coverings and DIFFUSE acoustic furniture. AllSfär also offer a two-year guarantee on all moving parts. The full Warranty Policy is available on request from AllSfär Customer Services.

SPECIFICATIONS

Whilst every care is taken to ensure accuracy, all dimensions are approximate and, as a consequence, AllSfär cannot be held responsible for errors. As part of our policy for continued improvement AllSfär reserve the right to make any changes, without notice, to specifications or designs that it considers reasonable. Any such changes will not affect the validity of the contract.

ALLSFÄR